

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	(Ni-Cd near2 battery lead ner2 acid near2 battery, nickel near2 cadmium near2 battery nickel near2 metal near2 hydride near2 battery lithium near2 ion near2 battery) and (double near2 layer near2 capacito metal near2 oxide near2 pseudo near2 capacitor hybrid near2 capacitor ultracapacitor electrochemical near2 capacitor supercapacitor) and dual near3 battery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 12:02
L2	17	(Ni-Cd near2 battery lead ner2 acid near2 battery, nickel near2 cadmium near2 battery nickel near2 metal near2 hydride near2 battery lithium near2 ion near2 battery) and (double near2 layer near2 capacito metal near2 oxide near2 pseudo near2 capacitor hybrid near2 capacitor ultracapacitor electrochemical near2 capacitor supercapacitor) with voltage near3 (shunt shunting detect\$4 monitor \$3 sens\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 12:04
L3	1484	(361/16,23).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/14 12:05

L4	2	(Ni-Cd near2 battery lead ner2 acid near2 battery, nickel near2 cadmium near2 battery nickel near2 metal near2 hydride near2 battery lithium near2 ion near2 battery) and (double near2 layer near2 capacito metal near2 oxide near2 pseudo near2 capacitor hybrid near2 capacitor ultracapacitor electrochemical near2 capacitor supercapacitor) and 3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 12:06
L5	4	(Ni-Cd near2 battery lead ner2 acid near2 battery, nickel near2 cadmium near2 battery nickel near2 metal near2 hydride near2 battery lithium near2 ion near2 battery) and (double near2 layer near2 capacitor metal near2 oxide near2 pseudo near2 capacitor hybrid near2 capacitor ultracapacitor electrochemical near2 capacitor supercapacitor) and 3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 12:06
L6	921	(320/116,118,120).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/14 12:07
L7	30	(Ni-Cd near2 battery lead ner2 acid near2 battery, nickel near2 cadmium near2 battery nickel near2 metal near2 hydride near2 battery lithium near2 ion near2 battery) and (double near2 layer near2 capacitor metal near2 oxide near2 pseudo near2 capacitor hybrid near2 capacitor ultracapacitor electrochemical near2 capacitor supercapacitor) and 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 12:07

S1	82	(lead near2 acid near2 battery, nickel near2 cadmium near2 battery nickel near2 metal near2 hydride near2 battery lithium near2 ion near2 battery) with (double near2 layer near2 capacito metal near2 oxide near2 pseudo near2 capacitor hybrid near2 capacitor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 08:55
S2	1	S1 and overvoltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 08:56
S3	216	battery with (double near2 layer near2 capacito metal near2 oxide near2 pseudo near2 capacitor hybrid near2 capacitor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 08:56
S4	6	S3 and overvoltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 08:56
S5	3897	secondary near2 battery with capacitor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 08:57
S6	72	S5 and overvoltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 08:57
S7	129	S5 and (overvoltage voltage near2 surge voltage near2 transient excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 09:04
S8	2	battery and super near2 capacitor near6 (overvoltage voltage near2 surge voltage near2 transient excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 09:11

S9	8	("4551632"   "4802859"   "4967096"   "5256907"   "5359277"   "5373195"   "5602464"   "5612579").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/22 09:11
S10	1279	battery and capacitor near6 (overvoltage voltage near2 surge voltage near2 transient excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 09:13
S11	29	battery and capacitor near6 (overvoltage voltage near2 surge voltage near2 transient excess near2 voltage) near4 shunt\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 09:13
S12	135	battery with capacitor near6 (overvoltage voltage near2 surge voltage near2 transient excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 09:14
S13	17382	("320").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/12/22 09:20
S14	497	S13 and overvoltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 09:20
S15	72	battery and capacitor near6 (overvoltage voltage near2 surge voltage near2 transient excess near2 voltage) with (bypass bypassing shunt\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/12/22 09:26
S16	6	("4614905"   "5578914"   "5629601"   "5738957"   "5910723"   "5982050").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/22 09:35
S17	5	("4019120"   "4146825"   "4316134"   "4839576"   "5039931").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/22 09:36
S18	8	("5982050").URPN.	USPAT	OR	ON	2008/12/22 09:36

S19	6	("5713426"   "5783928"   "5977748"   "5982050"   "6316917"   "6327137").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/22 09:38
S20	9	("5532572"   "5713426"   "5783928"   "5932932"   "5952815"   "5977748"   "5982050"   "6034492"   "6104967").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/22 09:41
S21	2	("4281277"   "5783928").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/22 09:42
S22	7	("5977748").URPN.	USPAT	OR	ON	2008/12/22 09:43
S23	2	("4281277"   "5783928").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/12/22 09:44
S24	3284	secondary near2 battery near8 capacitor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 12:06
S25	64	S24 and overvoltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 12:06
S26	85	secondary near2 battery near8 capacitor near5 series	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 12:07
S27	5	("5003244"   "5412305"   "6297616"   "6373223"   "6441583").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/09 12:13
S28	1166	secondary near2 battery near8 double near4 capacitor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 12:14
S29	15	S28 and (overvoltage voltage near2 surge voltage near2 transient excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 12:14

S30	2063	secondary near2 battery and double near4 capacitor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 12:15
S31	63	S30 and (overvoltage voltage near2 surge voltage near2 transient excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 12:15
S32	17465	("320").CLAS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/09 12:17
S33	1137	S32 and (overvoltage voltage near2 surge voltage near2 transient excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 12:17
S34	2	S33 and (double near2 layer near2 capacito metal near2 oxide near2 pseudo near2 capacitor hybrid near2 capacitor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 12:18
S35	34	S33 and (double near4 capacitor double near2 layer near2 capacitor metal near2 oxide near2 pseudo near2 capacitor hybrid near2 capacitor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 12:18
S36	504	S32 and overvoltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 12:24
S37	2	("6316917").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/09 12:36
S38	9	("5532572"   "5713426"   "5783928"   "5932932"   "5952815"   "5977748"   "5982050"   "6034492"   "6104967").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/09 12:38

S39	5	("4019120"   "4146825"   "4316134"   "4839576"   "5039931").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/09 12:39
S40	8	("5982050").URPN.	USPAT	OR	ON	2009/01/09 12:40
S41	5	("4698578"   "5873850"   "5876368"   "5982050"   "5982143").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/09 12:41
S42	1501	(lead near2 acid near2 battery, nickel near2 cadmium near2 battery nickel near2 metal near2 hydride near2 battery lithium near2 ion near2 battery) with (double near2 layer near2 capacito metal near2 oxide near2 pseudo near2 capacitor hybrid near2 capacitor double near3 capacitor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 13:19
S43	40	S42 and (overvoltage voltage near2 surge voltage near2 transient excess near2 voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 13:19
S44	13	("4171507"   "4333046"   "4725926"   "4731705"   "4757424"   "4826328"   "4922161"   "4975796"   "5260855"   "5402056"   "5545933"   "5604426"   "5867363").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/09 13:21
S45	8	("6072691").URPN.	USPAT	OR	ON	2009/01/09 13:21
S46	14	secondary near2 battery near8 storage near4 capacitor near5 series	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/09 13:23
S47	2	("5932932"   "6064178").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/09 13:23

S48	1256	(Ni-Cd near2 battery lead ner2 acid near2 battery, nickel near2 cadmium near2 battery nickel near2 metal near2 hydride near2 battery lithium near2 ion near2 battery) and (double near2 layer near2 capacito metal near2 oxide near2 pseudo near2 capacitor hybrid near2 capacitor ultracapacitor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 09:52
S49	47	(Ni-Cd near2 battery lead ner2 acid near2 battery, nickel near2 cadmium near2 battery nickel near2 metal near2 hydride near2 battery lithium near2 ion near2 battery) and (double near2 layer near2 capacito metal near2 oxide near2 pseudo near2 capacitor hybrid near2 capacitor ultracapacitor) with discharg \$3 near3 (volt V voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 09:54
S50	6	("3667025"   "4723105"   "5166538"   "5350994"   "5710699"   "5898282"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/14 10:07
S51	15	("6323608").URPN.	USPAT	OR	ON	2009/01/14 10:07
S52	2	("5982050").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/14 10:32
S53	1	10/540919	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/14 10:50

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